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- Cramér, Harald ★Математические методы статистики. (Russian) [Mathematical methods of statistics] (53 #14734)
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- Bunjatov, M. R. Random variables on abstract Boolean algebras and the conditional mean with respect to the subalgebra of an abstract Boolean algebra. (Russian) (57 #199)
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- (Dorfman, Robert) See Marschak, Jacob, (58 #7948)
- (Edwards, Ward) See Marschak, Jacob, (58 #7948)
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- Gaifman, Haim Applications of de Finetti's theorem to inductive logic. (58 #5088b)
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- Hailperin, Theodore ★Boole's logic and probability. (56 #2744)
- Harper, William L. Rational belief change, Popper functions and counterfactuals. (58 #10298)
- Herzog, Thomas (with Owings, James C., Jr.) The inequivalence of two well-known notions of randomness for binary sequences. (56 #2802)
- Hilpinen, Risto Carnap's new system of inductive logic. (57 #15990)
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- Rădulescu, Marcel** Quasimésures algébriques définies sur des champs d'événements. (Romanian and Russian summaries) (46 #10027)
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Gács, Peter Hausdorff-dimension and probability distributions. (48 #11432)

Gheorghe, Florin-Christian (with Spircu, Tiberiu) The theorem on extension of a probability follows from the theorem on metric completion. (Romanian) (58 #17023)

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Fagin, Ronald Probabilities on finite models. (57 #16042)

60Bxx Probability theory on algebraic and topological structures

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Mikusinski, Jan A lemma on convergence. (Russian summary) (53 #1262)

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- Krengel, Ulrich** Recent progress on ergodic theorems. (58 #6164)
- Kučkarov, Ja. H.** (with Halikulov, I. B.) Some probability-theoretic results that are connected with Boolean measures. (Russian. Uzbek summary) (58 #18649)
- The law of the iterated logarithm with respect to measures with values in semifields. (Russian. Lithuanian and English summaries) (58 #18650)
- Kuelbs, James D.** (with Kurtz, Thomas G.) Berry-Esseen estimates in Hilbert space and an application to the law of the iterated logarithm. (50 #14868)
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- The law of the iterated logarithm for Banach space valued random variables. (57 #4277a)
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- (with Ylvisaker, Donald) Strong laws for the maxima of stationary Gaussian processes. (53 #9357)
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- O'Connor, Carol Alf** Convergence of weighted sums of independent Banach-valued random variables. (57 #4273)
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- Almost sure invariance principles for empirical distribution functions of weakly dependent random variables. (56 #1396)
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- Serfozo, Richard F.** Semi-stationary processes. (47 #5942)
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- Vervaat, Wim** ★Success epochs in Bernoulli trials (with applications in number theory). (48 #7331)
- Vinogradskaja, A. V.** A theorem of the type of the strong law of large numbers for products of random matrices. (Russian. English summary) (57 #1599)
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- Wei, Duan** (with Taylor, Robert Lee) Convergence of weighted sums of tight random elements. (58 #7763)
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- Wichura, Michael J.** Some Strassen-type laws of the iterated logarithm for multiparameter stochastic processes with independent increments. (52 #15693)
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- Zimmerman, Grenith J.** Some sample function properties of the two-parameter Gaussian process. (47 #5948)

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- A class of dependent random variables with infinite mean value. (Romanian. Russian summary) 49 #9920
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- Deheuvels, Paul** Majoration et minoration presque sûre optimale des éléments de la statistique ordonnée d'un échantillon croissant de variables aléatoires indépendantes. (Italian summary) 52 #15625
- Maczyński, Maciej J.** (with Pathak, Pramod K.) The zero-one law for Boolean algebras. (Russian summary) 58 #24491
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- Nguyễn Văn Hô** The 0-1 law generalized for non-denumerable families of events and of σ -algebras of events. (Czech and loose Russian summaries) 54 #14063
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- Sandler, Wolfgang** A note on the proof of the zero-one law of J. R. Blum and P. K. Pathak: "A note on the zero-one law" (Ann. Math. Statist. **43** (1972), 1008-1009). **52** #1850
- Simons, Gordon** Some extensions of the Hewitt-Savage zero-one law. **57** #10788
- Stern, Frederick** The Borel-Cantelli lemma and product-sum formulas. **58** #13306
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- Baum, Leonard E.** (with Stratton, Howard H.) Visitations of ruled sums. **(48** #12645)
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- Qualls, Clifford** See **Pathak, Pramod K.**, **(47** #9703)
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- Stout, Lawrence Neff** Independence theories and generalized zero-one laws. **(58** #24214)
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- Blake, Louis H.** A note concerning the L_1 convergence of a class of games which become fairer with time. **46** #4595
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- Dehardt, J.** Generalizations of the Glivenko-Cantelli theorem. **45** #6058
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- Arnold, Ludwig** Deterministic version of Wigner's semicircle law for the distribution of matrix eigenvalues. **(53** #483)
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- Dinges, Hermann** Combinatorics of partial sums with applications to limit theorems. **(55** #12897)
- Dubuc, Serge** Méthodes stochastiques pour la détermination de polynômes de Bernstein. (English summary) **(52** #14766)
- Formanov, Š. K.** A uniform estimate of the remainder term in the multidimensional limit theorem for homogeneous Markov chains with respect to the class of all measurable convex sets. I. (Russian. Uzbek summary) **(47** #1133)
- Galambos, János** Limit distribution of sums of (dependent) random variables with applications to arithmetical functions. **(45** #5101)
- Getoor, Ronald K.** (with Millar, P. Warwick) Some limit theorems for local time. **(47** #4345)
- Hsü, Shih Hsiung** On the subspaces of L^0 spanned by sequences of independent random

- variables. (58 #13343)
- Iglehart, Donald L. Multiple channel queues in heavy traffic. IV. Law of the iterated logarithm. (47 #1161)
- Israilov, M. I. Additive problems with an increasing number of polynomial terms. (Russian. Uzbek summary) (56 #8492)
- Jacob, Pierre Representation of families of probabilities by an almost surely continuous random function. (58 #2941)
- Jakimovski, Amnon (with Levikson, Benny) A new approximation operator of the Arato-Renyi type. (53 #3556)
- Lai, Tze Leung On r -quick convergence and a conjecture of Strassen. (55 #4327)
- Le Maire, Bruno (with Mauffrey, G.) Chaînes de Markov, non homogènes, à causalité constante: matrices d'écart d'homogénéité. (57 #7774)
- Lev, G. S. Asymptotic properties of the extinction probability for a Markov multiplication process. (Russian. English summary) (58 #3089)
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- Mauffrey, G. See Le Maire, Bruno, (57 #7774)
- Millar, P. Warwick See Getoor, Ronald K., (47 #4345)
- Pastur, L. A. Spectra of random selfadjoint operators. (Russian) (53 #10042)
- Raşa, Ion Sur certaines algèbres de fonctions continues et sur les suites de variables aléatoires uniformément bornées. (58 #29604)
- Schmidt, Klaus On a characterisation of certain infinitely divisible positive definite functions and measures. (45 #4065)
- Schürger, K. Limit theorems for complete subgraphs of random graphs. (58 #21820)
- Sendler, Wolfgang On the second moments of random determinants. (53 #6669)
- Szulgá, Jerzy On the L_r -convergence, $r > 0$, for $n^{-1/r} S_n$ in Banach space. (Russian summary) (58 #3089)
- Vervaat, Wim Functional central limit theorems for processes with positive drift and their inverses. (47 #9697)
- Wegmann, Rudolf Bemerkungen zum Halbkreisatz für die Eigenwerte hermitescher Matrizen. (55 #7258)
- Zolotarev, V. M. Approximation of the distributions of sums of independent random variables with values in infinite-dimensional spaces. (Russian. English summary) (58 #24443a)
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- (Fernique, Xavier) See Colloque: Processus Gaussiens et Distributions Aléatoires, 50 #1323
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- se, Knut K. A conditional expectation formula for diffusion processes. (58 #24577)
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- (Bartholomew, David J.) See Godambe, V. P.; et al., (**50** #15043)
- Box, George E. P. (with Tiao, George C.) ★Bayesian inference in statistical analysis. (**54** #6362)
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- (Abildgård, F.) See Martin-Löf, Per, (54 #1447)
- (Audley, R. J.) See Discussion: Papers by Professor Tversky and by Professor Suppes, (52 #6803)
- (Barnard, G. B.) See Martin-Löf, Per, (54 #1447)
- Barnard, George A. Conditionality, pivotals and robust estimation. (53 #9477)
- See also Williams, James S., (52 #4505) and Good, Irving John, (53 #4153)
- (Barndorff-Nielsen, Ole) See Martin-Löf, Per, (54 #1447)
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- Bellhouse, D. R. On the application of fiducial probability to two-stage sampling. (57 #1726)
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- Choudhry, G. H. See Saleh, A. E., (56 #4065)
- (Cox, D. R.) See Martin-Löf, Per, (54 #1447)
- Csiszár, I. A class of measures of informativity of observation channels. (48 #13470)
- Degerine, Serge Sur la complétion des structures de von Mises. (English summary) (58 #18891)
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- Newton, H. Joseph The information matrices of the parameters of multiple mixed series. (**58** #8091)
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(58 #20284c)

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62B99 None of the above, but in this section

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Fishburn, Peter C. One-way expected utility with finite consequence spaces. 45 #2854

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Gutiérrez Jaimez, Ramón Notes on the existence of monotone decision procedures in generalized exponential families. Application to a mixed model of signal detection in a model of educational orientation. (Spanish) 56 #3996

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Ibarrola Muñoz, María del Pilar (with Quesada Paloma, Vicente) Equivalence between behavioral decision rules and randomized decision rules. (Spanish. English summary) 58 #24640

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Jilovec, Stanislav On the experience problem. 50 #15026

(Kagan, A. M.) See **De Groot, Morris H.**, 50 #8774b

Kashyap, Rangasami L. Minimax estimation with divergence loss function. 51 #2054

Kiefer, Jack C. Conditional confidence and estimated confidence in multidimensional problems (with applications to selection and ranking). 58 #18810

Kirschner, H.-P. On the risk-equivalence of two methods of randomization in statistics. 55 #1554

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Koffler, Eduard Konfidenzintervalle in Entscheidungen bei Ungewissheit. (English, French and Russian summaries) 56 #3997

Krantz, David H. See **Luce, R. Duncan**, 49 #8152

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Maritz, J. S. ★Empirical Bayes methods. 47 #2710

Martí, Kurt Approximationen der Entscheidungsprobleme mit linearer Ergebnissfunktion und positiv homogener, subadditiver Verlustfunktion. (English summary) 56 #1524

Menges, Günter Inference and decision. 53 #4312

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Nguyen Cat Ho Generalized algebras of Post and their applications to many-valued logics with infinitely long formulas. 50 #12650

Nordbrock, Earl A rational decision criterion, the iterated minimax regret criterion. 51 #11741

Okuma, Akimichi Note on some generalization of statistical decision problems. 58 #24641

Ozernoi, V. M. Decision making (review). 48 #1356

Phadia, E. G. Minimax estimation of a cumulative distribution function. 50 #1366

Piccinato, L. Osservazioni sull'uso delle funzioni di rischio nei problemi di decisione statistica. (English summary) 57 #14207

Quesada Paloma, Vicente See **Ibarrola Muñoz, María del Pilar**, 58 #24640

Rios, Sixto New criteria for the ordering of decision rules. (Spanish. English summary) 54 #6339

Rubin, Herman A decision-theoretic approach to the problem of testing a null hypothesis. 48 #9904

(Rubin, A. L.) See **De Groot, Morris H.**, 50 #8774b

Schneeweiss, Hans On the consistency of classical decision criteria. 52 #1957

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Swartz, G. Boyd (with Murthy, V. K.) Minimum risk estimators with applications. 49 #6427

Takeuchi, Yu An idea of decision theory. (Spanish) 54 #14178

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Winkler, Robert L. A decision-theoretic approach to interval estimation. 47 #1167

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Baldwin, J. F. Gambling and curve-fitting problems using dynamic programming. (46 #4330)

Bamberg, Günter Der Minimax-Wert der Stichprobeninformation. (English summary) (55 #5224)

Bühlmann, Hans (with Loeffel, H.; Nievergelt, E.) ★Entscheidungs- und Spieltheorie. (54 #12227)

Čencov, N. N. ★Статистические решающие правила и оптимальные выводы.

(Russian) [Statistical decision rules and optimal inferences] (49 #8140)

Egle, Kuno ★Entscheidungstheorie. (57 #15325)

Frankowski, K. (with Sobel, Milton; Uppuluri, V. R. Rao) Dirichlet type I distribution: properties and applications. (French summary) (57 #4398)

Gutkin, L. S. The connection between the basic premises of the theory of vector synthesis of systems and the statistical decision theory. (50 #6624)

Heath, David C. (with Sudderth, William D.) On a theorem of de Finetti, oddsmaking, and game theory. (50 #3960)

Ibarrola Muñoz, María del Pilar (with Quesada Paloma, Vicente) Comparison of experiments from the point of view of statistical decision theory. (Spanish) (54 #14177)

Kelleher, Grace J. See **Walsh, John E.**, (51 #4570)

Kusolitsch, N. See **Österreicher, Ferdinand**, (58 #31494)

Kuznecov, V. P. Invariance of solutions with respect to nuisance parameters. (Russian) (47 #5991)

- Liggett, Thomas M. Extensions of the Erdős-Ko-Rado theorem and a statistical application. (56 #145)
- Loeffel, H. See Bühlmann, Hans; et al., (54 #12227)
- Nemetz, Tibor O. H. Bounds on error probability. (50 #3420)
- Nievergelt, E. See Bühlmann, Hans; et al., (54 #12227)
- Österreicher, Ferdinand (with Kusolitsch, N.) On least favourable tuples for a decision model. (58 #31494)
- Ponssard, Jean-Pierre A note on information value theory for experiments defined in extensive form. (54 #11597)
- Quesada Paloma, Vicente See Ibarrola Muñoz, María del Pilar, (54 #14177)
- Radner, Roy Satisficing. (53 #10179)
- Sobel, Milton See Frankowski, K.; et al., (57 #4398)
- Sudderth, William D. See Heath, David C., (50 #3960)
- Uppuluri, V. R. Rao See Frankowski, K.; et al., (57 #4398)
- Walsh, John E. (with Kelleher, Grace J.) Extended uses of linearized nonlinear regression for random-nature simulations. (French summary) (51 #4570)

62C07 Complete class results

- Brown, Lawrence D. (with Cohen, Arthur; Strawderman, William E.) A complete class theorem for strict monotone likelihood ratio with applications. 54 #3898
- Cohen, Arthur See Brown, Lawrence D.; et al., 54 #3898
- Driscoll, Michael F. (with Morse, D.) Admissibility and completeness. 51 #11742
- Eaton, Morris L. Complete class theorems derived from conditional complete class theorems. 58 #13432
- Gnot, Stanislaw The essentially complete class of rules in multinomial identification. (German and Russian summaries) 58 #13433
- Goel, Prem K. On re-pairing observations in a broken random sample. 52 #6935
- Halfin, L. A. (with Halfina, N. M.) The ϵ -minimax property of the Hotelling T^2 test for nonnormal distributions. (Russian) 46 #4633
- (with Halfina, N. M.) The ϵ -minimax character of the Hotelling T^2 test for distributions that are close to normal. (Russian) 48 #7429
- Halfina, N. M. The minimax character of a complex analogue of the R^2 -test. (Russian) 46 #4634
- See also Halfin, L. A., 46 #4633 and Halfin, L. A., 48 #7429
- Huber, Peter J. (with Strassen, Volker) Minimax tests and the Neyman-Pearson lemma for capacities. 50 #8776 (E 50 #15027)
- Klebanov, L. B. Unbiased estimators and convex loss functions. (Russian) 51 #2055
- Kuks, J. (with Ol'man, V.) Linear minimax estimation of regression coefficients. II. (Russian) 47 #7842
- Minimax estimation of regression coefficients. (Russian. Estonian and English summaries) 47 #7840
- (with Ol'man, V.) Linear minimax estimation of regression coefficients. (Russian. Estonian and English summaries) 47 #7841
- Lin, Pi Erh (with Tsai, Hui Liang) Generalized Bayes minimax estimators of the multivariate normal mean with unknown covariance matrix. 48 #9905
- Morse, D. See Driscoll, Michael F., 51 #11742
- Murakami, Masakatsu On the reduction to a complete class in multiple decision problems. 55 #4451a (E 55 #4451b)
- Correction to: "On the reduction to a complete class in multiple decision problems" (Ann. Inst. Statist. Math. 28 (1976), no. 2, 145-165). 55 #4451b
- Okuma, Akimichi On statistical decision problems with nuisance parameters. 52 #4474
- Partly sufficient statistics and complete class theorems for statistical decision problems with nuisance parameters. 52 #6936
- Ol'man, V. Minimax confidence estimation of the parameter of a regression model under normal additive noise. (Russian. Estonian and English summaries) 50 #6004
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- Samaniego, Francisco J. Completeness and admissibility. 52 #6937
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- Snijders, Tom Complete class theorems for the simplest empirical Bayes decision problems. 55 #11452
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- Strassen, Volker See Huber, Peter J., 50 #8776 (E 50 #15027)
- Strawderman, William E. See Brown, Lawrence D.; et al., 54 #3898
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- Yao, Ching Hsing A sequential classification into one of several populations. 52 #15757

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- Akahira, Masafumi See Takeuchi, Kei, (51 #11737)
- Arnold, Steven F. Generalized group testing procedures. (56 #7058)
- Birkes, David See Olsen, Anthony; et al., (54 #6386)
- Geršanov, A. M. (with Šamroni, S. K.) Randomized estimation in problems with a discrete parameter space. (Russian. English summary) (53 #14766)
- Greń, Jerzy Minimax and classical estimators. (Polish. Russian and English summaries) (51 #14372)
- Kariya, Takeaki The general MANOVA problem. (57 #14265)
- Kleffe, Jürgen Invariant methods for estimating variance components in mixed linear models. (German and Russian summaries) (56 #7036)
- Kozek, Andrzej On the theory of estimation with convex loss functions. (56 #6982)
- Läuter, Henning A minimax linear estimator for linear parameters under restrictions in form of inequalities. (German and Russian summaries) (52 #15865)
- Olsen, Anthony (with Seely, Justus; Birkes, David) Invariant quadratic unbiased estimation for two variance components. (54 #6386)
- Šamroni, S. K. See Geršanov, A. M., (53 #14766)

- Seely, Justus Completeness for a family of multivariate normal distributions. (49 #9992)

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- Takeuchi, Kei (with Akahira, Masafumi) Characterizations of prediction sufficiency (adequacy) in terms of risk functions. (51 #11737)

62C10 Bayesian problems; characterization of Bayes procedures

- Alam, Khursheed On a multiple decision rule. 49 #9995
- Arimoto, Suguru Bayesian decision rule and quantity of equivocation. 46 #4635
- Asatryan, D. G. Empirical Bayesian comparison of two populations. (Russian. Arm. summary) 51 #11743
- (Bartholomew, David J.) See Dawid, A. P.; et al., 51 #2057
- Berger, James O. Admissible minimax estimation of a multivariate normal mean by arbitrary quadratic loss. 53 #1795
- (with Srinivasan, C.) Generalized Bayes estimators in multivariate problems. 57 #17904
- Bernardo Herranz, José-Miguel Optimal sample size: Bayesian solution. (Spanish) 57 #4386
- Bočarov, Lev See Truhaev, Rudolf; et al., 58 #13435
- Bošev, A. I. (with Lom, R. S.) Hypothesis testing with cost functions that depend on the solution. (Russian) 54 #6340
- Breth, M. Bayesian confidence bands for a distribution function. 58 #18811
- Bunke, Helga (with Hennig, C.; Schmidt, Wolfgang H.) Weighted combination of sample information and parameter estimation. (German and Russian summaries) 55 #1555
- Čemeris, Mihail See Truhaev, Rudolf; et al., 58 #13435
- Chuang, David T. See Kadane, Joseph B., 58 #13434
- Cornfield, Jerome (with Detre, Katherine) Bayesian life table analysis. 58 #18812
- de Cristofaro, Rodolfo Probabilità delle ipotesi e loro accettazione. (English and French summaries) 52 #4475
- Cypkin, Ja. Z. (with Kel'mans, G. K.) An adaptive Bayesian approach. (Russian) 47 #5996
- Dawid, A. P. (with Stone, Mervyn; Zidek, James V.) Marginalization paradoxes in Bayesian and structural inference. 51 #2057
- (Dempster, Arthur P.) See Dawid, A. P.; et al., 51 #2057
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- Dickey, James M. The weighted likelihood ratio, linear hypotheses on normal location parameters. 46 #8335
- See also Dawid, A. P.; et al., 51 #2057
- Dinges, Hermann Schwierigkeiten mit der Bayesschen Regel. 57 #14208
- Dixon, Dennis O. Interval estimates derived from Bayes testing rules. 53 #11823
- Doksum, Kjell A. Decision theory for some nonparametric models. 54 #14179
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- Efron, Bradley (with Morris, Carl) Stein's estimation rule and its competitors: empirical Bayes approach. 52 #9433
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- Ehrenfeld, S. See Noe, N. H., 49 #8153
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- Gerber, Hans U. Uncertainty functions with a constant rate of reduction and comparison of experiments. 58 #18813
- Goldstein, Matthew A note on some Bayesian nonparametric estimates. 54 #1426
- Gómez Villegas, M. A. Sensitivity of Bayesian decision criterion. (Spanish. English summary) 58 #31496
- Haack, Dennis G. Stringency in the empirical Bayes problem. 51 #4481
- Hald, Anders (with Keiding, Niels) Asymptotic properties of Bayesian decision rules for two terminal decisions and multiple sampling. II. 47 #4357
- Halpern, Elkan F. Bayesian spline regression when the number of knots is unknown. 49 #6428
- Harsanyi, John C. On the rationale of the Bayesian approach: comments on Professor W. N. Watkins's paper: "Towards a unified decision theory: a non-Bayesian approach" (Foundational problems in the special sciences (Proc. Fifth Internat. Conf. Logic, Methodology and Philos. of Sci., Univ. Western Ontario, London, Ont., 1972, Part II, pp. 345-379, Univ. Western Ontario Ser. Philos. Sci., Vol. 10, Reidel, Dordrecht, 1977). 58 #13437
- Has'minskii, R. Z. See Ibragimov, I. A., 49 #8177
- Hennig, C. See Bunke, Helga; et al., 55 #1555
- (Hinkley, D. V.) See Dawid, A. P.; et al., 51 #2057
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- Jilovec, Stanislav On the experience utilization in statistical decisions. 51 #11744
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- Kadane, Joseph B. (with Chuang, David T.) Stable decision problems. 58 #13434
- Kasdan, Harvey L. A distribution-free pattern classification procedure with performance monitoring capability. 52 #15758
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- Kleffe, Jürgen (with Pincus, R.) Bayes and best quadratic unbiased estimators of parameters of the covariance matrix in a normal linear model. (German and French summaries) 49 #6429

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- Lindley, Dennis V. A class of utility functions. **53** #1793
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- Oaten, Allan Approximation to Bayes risk in compound decision problems. **47** #1168
- Oberlin, Thomas L. (with Kashyap, Rangasami L.) Bayes decision rules based on objective priors. **50** #1367
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- Owen, Roger J. See Raeside, D. E., **53** #4314
- Piccinato, L. On the comparison among decisions from the Bayesian viewpoint. (Italian summary) **57** #17905
- Pincus, R. See Kleffe, Jürgen, **49** #6429
- (Pratt, John W.) See Van Ryzin, John, **45** #2855
- Raeside, D. E. (with Owen, Roger J.) A class of loss functions of catenary form. **53** #4314
- Ríos, Sixto Sur la fonction de décision de Bayes en différents contextes d'utilité. (English summary) **50** #3413
- Roudier, J. Une application de la théorie de la décision statistique bayésienne: détermination d'une expérimentation d'efficacité des "freins anti-bloquants". **54** #8938
- Schmidt, Wolfgang H. See Bunke, Helga; et al., **55** #1555
- Shapiro, C. P. Bayesian classification: asymptotic results. **50** #15030
- Shishido, Harunori See Mine, Hisashi; et al., **52** #9434
- Šinakov, Ju. S. See Levin, Boris R., **51** #11745
- Srinivasan, C. See Berger, James O., **57** #17904
- Stone, Mervyn See Dawid, A. P.; et al., **51** #2057
- Strassen, Volker See Huber, Peter J., **50** #15027
- Strawderman, William E. Proper Bayes minimax estimators of the multivariate normal mean. **53** #1794
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On linear combinations of generalized Bayes estimators of the natural parameter of an exponential family of distributions. **58** #31498
- Szilléry, E. Upper bounds for the Bayesian error probability. **57** #14209
- Truax, Donald R. See Johnson, Bruce R., **50** #15028
- Truhaev, Rudolf (with Homenjuk, V. V.; Bočarov, Lev; Čemeris, Mihail) The stability of Bayesian decisions. (Russian. Lithuanian and English summaries) **58** #13435
- Tversky, Amos Assessing uncertainty. **51** #2059
- Vajda, Igor On the convergence of Bayes empirical decision functions. **52** #4476
- Van Ryzin, John On some nonparametric empirical Bayes multiple decision problems. **45** #2855
- Wagner, Terry J. Deleted estimates of the Bayes risk. **50** #15031
- Watkins, J. W. N. Towards a unified decision theory: a non-Bayesian approach. **58** #13436
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- Watson, S. R. On Bayesian inference with incompletely specified prior distributions. **53** #14739
- (Wilkinson, G. N.) See Dawid, A. P.; et al., **51** #2057
- (Zellner, Arnold) See Dawid, A. P.; et al., **51** #2057
- Zidek, James V. See Dawid, A. P.; et al., **51** #2057
- Zseby, S. Bayessche Intervallschätzung bei geschichteter Stichprobe. (English, French and Russian summaries) **51** #7071

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- Alvo, Mayer Bayesian sequential estimates. **(56** #7056)
- Anderson, Calvin M. See Shubert, Bruno O., **(52** #4545)
- (Anderson, Oliver D.) See Harrison, P. J.; et al., **(58** #31672)
- Berger, James O. Inadmissibility results for generalized Bayes estimators of coordinates of a location vector. **(53** #4316)
- Admissibility results for generalized Bayes estimators of coordinates of a location vector. **(53** #4317)
- (Bhansali, R. J.) See Harrison, P. J.; et al., **(58** #31672)
- (Blight, B. J. N.) See Harrison, P. J.; et al., **(58** #31672)
- Brown, Lawrence D. (with Purves, Roger A.) Measurable selections of extrema. **(55** #5826)
- (Chatfield, C.) See Harrison, P. J.; et al., **(58** #31672)
- (Cox, D. R.) See Harrison, P. J.; et al., **(58** #31672)
- (Dickey, James M.) See Harrison, P. J.; et al., **(58** #31672)
- Eger, Karl-Heinz Zur näherungsweise Bestimmung der optimalen Abbruchregel bei sequentiellen Bayes-Verfahren. I. **(57** #10945a)
- Zur näherungsweise Bestimmung der optimalen Abbruchregel bei sequentiellen Bayes-Verfahren. II. **(57** #10945b)

- Fišman, M. M. See Sosulin, Ju. G., **(52** #10215)
- Francuz, A. G. (with Kel'zon, A. A.; Kozlovskii, B. V.; Markov, B. P.) Statistical estimation of the quality of recognition systems. (Russian) **(47** #9910)
- (Godolphin, E. J.) See Harrison, P. J.; et al., **(58** #31672)
- Greblicki, Włodzimierz Nonparametric estimation in the learning of pattern recognition. (Polish. English and Russian summaries) **(47** #9911)
- Grišlan, B. A. Methods of solution of quantum detection and measurement problems. **(50** #12426)
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- Fukunaga, Keinosuke** (with Hostetler, Larry D.) Optimization of k -nearest-neighbor density estimates. **(53** #9493)
(with Ando, Shigeru) The optimum nonlinear features for a scatter criterion discriminant analysis. **(58** #33520)
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- Gabor, G.** The ϵ -NN method. A sequential feature selection for nearest neighbor decision rule. **(56** #13822)
- Garnett, James M., III** (with Yau, Stephen Sik-Sang) Nonparametric estimation of Bayes error of feature extractors using ordered nearest neighbor sets. **(57** #10900)
- Geisser, Seymour** Multiple birth discrimination. **(49** #10114)
- Gladkih, B. A.** See **Bekker, A. V.**; et al., **(57** #18274)
- Govindarajulu, Z.** See **Gupta, A. K.**, **(52** #15762)
- (Gower, J. C.)** See **Sibson, Robin**, **(49** #1628)
- Grenander, Ulf** Statistical geometry: a tool for pattern analysis. **(51** #14672)
- Gupta, A. K.** (with Govindarajulu, Z.) Some new classification rules for c universal normal populations. (French summary) **(52** #15762)
See also **Basu, A. P.**, **(50** #1417) and **Basu, A. P.**, **(56** #13436)
- Györfi, László** An upper bound of error probabilities for multihypotheses testing and application in adaptive pattern recognition. **(56** #13478)
(with Györfi, Zoltán) On the nonparametric estimate of a posteriori probability of simple statistical hypotheses. **(58** #24696)
- Györfi, Zoltán** See **Györfi, László**, **(58** #24696)
- Hartigan, John A.** Asymptotic distributions for clustering criteria. **(57** #1764)
- Henrichon, Ernest** See **Owen, Joel**; et al., **(53** #7160)
- Hochberg, Yosef** On the use of double sampling schemes in analyzing categorical data with misclassification errors. **(57** #10867)
- Hogg, Robert V.** See **Broffitt, James D.**; et al., **(54** #11647)
- Hostetler, Larry D.** See **Fukunaga, Keinosuke**, **(53** #9493)
- Hubert, Lawrence J.** (with Schultz, James) Quadratic assignment as a general discriminant analysis strategy. **(56** #1643)
- Iljubín, V. P.** Criteria for the singular recognition of random processes. (Russian) **(56** #16965 (EA 57))
- Jagol'nicer, M. A.** See **Bekker, A. V.**; et al., **(57** #18274)
- (Kendall, David G.)** See **Sibson, Robin**, **(49** #1628)
- Kendall, Maurice G.** Cluster analysis. **(53** #2067)
- Kligéné, Nerutė** Asymptotic rate of convergence of the probability of error in classification of stationary sequences. (Russian. Lithuanian and English summaries) **(58** #18984)
- Kolokolov, A. A.** See **Bekker, A. V.**; et al., **(57** #18274)
- Koontz, Warren L. G.** (with Narendra, Patrenahalli M.; Fukunaga, Keinosuke) A graph-theoretic approach to nonparametric cluster analysis. **(58** #8566)
- Kornienko, Ju. V.** The optimal filter for the reconstruction of images. (Russian. English summary) **(57** #9267)
- Krikels, N. J.** Bayes decision rule for a finite mixed population. **(56** #16856)
- Kullback, S.** See **Melnick, Edward L.**, **(50** #8883)
- Melent'ev, E. E.** Synthesis of classification algorithms from the position of the theory of antagonistic games. (Russian. English summary) **(52** #5057)
- Melnick, Edward L.** (with Kullback, S.) An application of the minimum discriminant information estimate to compute log-likelihood ratios. **(50** #8883)
- (Mirkin, B. G.)** See **Bekker, A. V.**; et al., **(57** #18274)
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- guchi, Shoichi (with Tomita, Shingo; Watanabe, Takashi) Relationship between organizing capability and information utilized for system organization. (53 #9750)
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- zumi, Juro See Tomita, Shingo; et al., (55 #9625)
- ven, Joel (with Brick, Donald B.; Henrichon, Ernest) A non parametric approach to pattern recognition. (53 #7160)
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- age, James L. A sequential nonparametric pattern classification algorithm based on the Wald SPRT. (56 #1845)
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- ajfó, Lidia Pattern recognition in a Markovian case. (Russian summary) (56 #13831)
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- chultz, James See Hubert, Lawrence J., (56 #1643)
- elud'ko, O. I. See Paterau, S. G., (56 #10204)
- hapiro, C. P. Bayesian classification: asymptotic results. (50 #15030)
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- Distance distributions. (58 #13303)
- livnjak, I. M. Testing of simple hypotheses in systems with a control parameter. (Russian) (56 #1550)
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- iplevskis, E. Optimal classification of observations of random processes. (Russian. English summary) (49 #11629)
- omek, Ivan A generalization of the k -NN rule. (56 #4275)
- Tomita, Shingo (with Noguchi, Shoichi; Ozumi, Juro) Theory of feature extraction for patterns by the Karhunen-Loève orthogonal system. (55 #9625)
- See also Noguchi, Shoichi; et al., (53 #9750)
- Toussaint, Godfried T. Probability of error, expected divergence, and the affinity of several distributions. (57 #19105)
- Volodin, I. N. Estimates of the necessary sample size in statistical classification problems. I. (Russian. English summary) (57 #14293a)
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- 62H99 None of the above, but in this section
- Altham, Patricia M. E. Quasi-independent triangular contingency tables. (French summary) (51 #7165)
- Anděl, Jiří On evaluation of some two-dimensional normal probabilities. (Czech summary) (49 #8217)
- Arnold, J. C. (with Katti, S. K.) An application of the Rao-Blackwell theorem in preliminary test estimators. (46 #4598)
- Baccini, Alain (with Pousse, Alain) Segmentation aux moindres carrés: un aspect synthétique. (54 #3975)
- Bargmann, Rolf E. (with Nel, D. G.) On the matrix differentiation of the characteristic roots of matrices. (51 #4563)
- Barnard, George A. See Barnett, Vic, 56 #4060
- Barnett, Vic The ordering of multivariate data. (56 #4060)
- Behboodian, Javad Covariance of monotone functions. (45 #6121)
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- Bock, Mary Ellen See Berger, James O., (53 #6898)
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- Causinus, Henri Quelques points de vue sur l'analyse des tableaux d'échanges. (English and Italian summaries) (56 #4061)
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- Collombier, Dominique Analyse des tables de contingence multidimensionnelles. (English and Italian summaries) (56 #9824)
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- Degenne, Alain ★Techniques ordinales en analyse des données. (53 #4385)
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- Downs, Thomas D. Orientation statistics. (49 #10070)
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- Drouet d'Aubigny, G. Least squares analysis of ordinal data. (56 #16928)
- Dutt, John E. A representation of multivariate normal probability integrals by integral transforms. (49 #8218)
- Escouffier, Yves Le traitement des variables vectorielles. (English summary) (48 #12735)
- Operators related to a data matrix. (57 #1775)
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- Fienberg, Stephen E. See Chen, Tar, 53 #6899
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- Froment, René (with Lenclud, Bernard) Ajustement de tableaux statistiques. (English and Italian summaries) (58 #13518)
- Gail, Mitchell H. (with Mantel, Nathan) Counting the number of $r \times c$ contingency tables with fixed margins. (57 #1776)
- Geisser, Seymour See Lee, Jack Chao-Sheng, (49 #6503)
- Gelfand, Alan E. Rapid seriation methods for multivariate observations through similarities. (50 #15169)
- (Green, P. J.) See Barnett, Vic, 56 #4060
- Henry-Labordère, A. ★Analyse de données. (56 #16929)
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- On a probability bound of Marshall and Olkin. (56 #16930)
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- Khatri, C. G. On the moments of traces of two matrices in three situations for complex multivariate normal populations. (45 #2859)
- Krishnaiah, Paruchuri R. (with Waikar, V. B.) Exact joint distributions of any few ordered roots of a class of random matrices. (46 #1018)
- See also Waikar, V. B.; et al., (45 #1315)
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- Lebart, Ludovic Sur les calculs impliqués par la description de certains grands tableaux. (English and Italian summaries) (56 #7024)
- Lee, Jack Chao-Sheng (with Geisser, Seymour) Growth curve prediction. (49 #6503)
- de Leeuw, Jan Applications of convex analysis to multidimensional scaling. (57 #17961)
- Lefebvre, Jacques ★Introduction aux analyses statistiques multidimensionnelles. (58 #8043)
- Lenclud, Bernard See Froment, René, (58 #13518)
- Leonov, V. V. (with Firsanov, V. A.; Šaevič, A. B.) An estimate of the error of gauge dependence. (Russian) (50 #11640)
- Leti, Giuseppe Una nota sulla misura, mediante l'entropia, del grado di associazione di due distribuzioni. (English summary) (50 #8837)
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- (Mardia, K. V.) See Barnett, Vic, 56 #4060
- Misra, P. N. Recurrence formulae for mathematical expectations of products of matrices of structural disturbances. (48 #9990)
- Moran, P. A. P. Estimating structural and functional relationships. (46 #1019)
- Nel, D. G. See Bargmann, Rolf E., (51 #4563)
- Nevius, S. E. (with Proschan, Frank; Sethuraman, Jayaram) A stochastic version of weak majorization with applications. (56 #1596)
- (with Proschan, Frank; Sethuraman, Jayaram) Schur functions in statistics. II. Stochastic majorization. (56 #1595)
- Obadia, Jacques See Cohen, Vidal, (57 #17960)
- O'Malley, Matthew J. See Brown, Dennison R., (55 #1634)
- O'Neill, Robert T. (with Rohatgi, V. K.) A two-stage procedure for estimating the difference between the mean vectors of two multivariate normal distributions. (49 #8220)
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- Ostasiewicz, Walenty Possibilities of generalizing the measures of stochastic dependence. (Polish. Russian and English summaries) (52 #2050)
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- (Plackett, R. L.) See Barnett, Vic, 56 #4060
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- Proschan, Frank (with Sethuraman, Jayaram) Schur functions in statistics. I. The preservation theorem. (56 #1594)
- See also Nevius, S. E.; et al., (56 #1595) and Nevius, S. E.; et al., (56 #1596)
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- Rubin, Donald B. Multivariate matching methods that are equal percent bias reducing. I. Some examples. (French summary) (53 #4386) (E 55 #9418)
- Multivariate matching methods that are equal percent bias reducing. II. Maximums on bias reduction for fixed sample sizes. (French summary) (53 #4387) (E 55 #9419)
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- Sethuraman, Jayaram See Proschan, Frank, **56** #1594; Nevius, S. E.; et al., **56** #1595
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- Singh, Rana P. See Tracy, Derrick S., **51** #9374
- Srivastava, Jagdish N. (with Zaatari, M. K.) On the maximum likelihood classification rule for incomplete multivariate samples and its admissibility. **46** #2793
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- Titterton, D. M. Analysis of incomplete multivariate binary data by the kernel method. **58** #3211
- Toussaint, Godfried T. Some properties of Matusita's measure of affinity of several distributions. **50** #15170
- Tracy, Derrick S. (with Singh, Rana P.) Matrix derivative approach to analysis of covariance structures. (French summary) **51** #9374
- de Waal, D. J. An asymptotic distribution of noncentral multivariate Dirichlet variates. **47** #2756
- Waikar, V. B. (with Chang, Tseng C.; Krishnaiah, Paruchuri R.) ★Exact distributions of a few arbitrary roots of some complex random matrices. **45** #1315
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- Alam, Khursheed Minimax and admissible minimax estimators of the mean of a multivariate normal distribution for unknown covariance matrix. (**51** #7072)
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- Battaglia, Francesco Determinazione soggettiva dei parametri di distribuzioni di probabilità multivariate. (English and French summaries) (**58** #7991)
- Berger, James O. (with Bock, Mary Ellen; Brown, Lawrence D.; Casella, G.; Gleser, Leon Jay) Minimax estimation of a normal mean vector for arbitrary quadratic loss and unknown covariance matrix. (**56** #1527)
- Bock, Mary Ellen See Berger, James O.; et al., (**56** #1527)
- (Borodin, Allan B.) See Stein, Charles, (**58** #18869)
- Brown, Lawrence D. See Berger, James O.; et al., (**56** #1527)
- Casella, G. See Berger, James O.; et al., (**56** #1527)
- Diday, Edwin (with Schroeder, Anne; Ok, Y.) The dynamic clusters method in pattern recognition. (**54** #1736)
- Eaton, Morris L. (with Perlman, Michael D.) Reflection groups, generalized Schur functions, and the geometry of majorization. (**56** #3211)
- (Ermakov, M. S.) See Stein, Charles, (**58** #18869)
- Flament, Claude ★L'analyse booléenne de questionnaire. (**58** #33166)
- Galic'kii, V. K. (with Revenko, V. I.; Stepanenko, V. N.) Handling of incomplete data by the maximum likelihood method. (**50** #8808)
- Geisser, Seymour See Lee, Jack Chao-Sheng, (**58** #31686)
- Gleser, Leon Jay See Berger, James O.; et al., (**56** #1527)
- Gower, J. C. The analysis of asymmetry and orthogonality. (**58** #755)
- Haff, L. R. Minimax estimators for a multinomial precision matrix. (**56** #9762)
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- Lee, Jack Chao-Sheng (with Geisser, Seymour) Applications of growth curve prediction. (**58** #31686)
- Lewis, Truman O. See Basu, Rekha; et al., (**54** #1462)
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- (Makhanov, A. V.) See Stein, Charles, (**58** #18869)
- Marcus, Ruth (with Peritz, Eric) Some simultaneous confidence bounds in normal models with restricted alternatives. (**55** #6667)
- (Nikulin, M. S.) See Stein, Charles, (**58** #18869)
- Ok, Y. See Diday, Edwin; et al., (**54** #1736)
- Peritz, Eric See Marcus, Ruth, (**55** #6667)
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- Revenko, V. I. See Galic'kii, V. K.; et al., (**50** #8808)
- Rogers, Gerald S. (with Young, Dennis L.) Explicit maximum likelihood estimators for certain patterned covariance matrices. (**55** #9377)
- von Scheidt, Jürgen See Purkert, Walter, (**58** #16719)
- Schroeder, Anne See Diday, Edwin; et al., (**54** #1736)
- Shinozaki, Nobuo A note on estimating the mean vector of a multivariate normal distribution with general quadratic loss function. (**51** #2056)
- Stein, Charles Lectures on multivariate estimation theory. (Russian. English summary) (**58** #18869)
- Stepanenko, V. N. See Galic'kii, V. K.; et al., (**50** #8808)
- Styan, George P. H. Hadamard products and multivariate statistical analysis. (**47** #6724)
- Thiebaut, H. Jean Minimum variances estimation of coefficient matrices in a dependent system. (**52** #2055)

- Tukey, John W. Mathematics and the picturing of data. (**55** #26)
- de Waal, D. J. Bayes estimate of the noncentrality parameter in multivariate analysis. (**48** #9943)
- Whitt, Ward Bivariate distributions with given marginals. (**54** #14045)
- Young, Dennis L. See Rogers, Gerald S., (**55** #9377)
- Young, Tzay Y. (with Liu, Philip S.) Linear transformation of binary random vector and its application to approximating probability distributions. (**58** #20825)

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- Dunn, Olive Jean (with Clark, Virginia A.) ★Applied statistics: analysis of variance and regression. **49** #1690
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- Hallum, C. R. (with Bouillon, Thomas L.; Odell, Patrick L.) Parameter estimation hypothesis testing in the restricted general linear model. **48** #12736
- Odell, Patrick L. See Hallum, C. R.; et al., **48** #12736
- Oktaba, Wiktor ★Metody statystyki matematycznej w doświadczalnictwie. (Polish) [Methods of mathematical statistics in experimentation] **54** #3976
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- Ridge regression See Aldredge, J. Richard; et al., **54** #11669
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- Anderson, Virgil L. (with McLean, Robert A.) ★Design of experiments. (**50** #8767)
- Barlow, Richard E. (with Bartholomew, David J.; Bremner, J. M.; Brunk, H. D.) ★Statistical inference under order restrictions. The theory and application of isotonic regression. (**48** #5229)
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- Bremner, J. M. See Barlow, Richard E.; et al., (**48** #5229)
- Brunk, H. D. See Barlow, Richard E.; et al., (**48** #5229)
- Cox, D. R. Nonlinear models, residuals and transformations. (German and Russian summaries) (**58** #7934)
- (Hahnwald-Busch, Andreas) See Nollau, Volker, (**58** #3136)
- Kabe, D. G. A note on compressing multivariate data. (**52** #7011)
- Killion, Ruth A. (with Zahn, Douglas A.) A bibliography of contingency table literature 1900 to 1974. (**53** #9571)
- McLean, Robert A. See Anderson, Virgil L., (**50** #8767)
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- Bibliography:
- Contingency tables See Killion, Ruth A.; et al., (**53** #9571)
- Tables:
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- Abdel-Badie, Farib E. (with Abdel-Fatah, Mohamed F. M.) Les effets de corrélation contemporaine et non contemporaine sur l'estimation d'un système d'équations à régression. **52** #15860
- Abdel-Fatah, Mohamed F. M. See Abdel-Badie, Farib E., **52** #15860
- Abrahamse, A. P. J. See Koerts, J., **51** #7170 and Dubbelman, C.; et al., **52** #7029
- Adenstedt, Rolf K. (with Eisenberg, Bennett) Linear estimation of regression coefficients. **55** #6706
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- Agular-Martin, Joseph See Nualart Rodón, David, **55** #1647
- Ahlers, C. W. (with Lewis, Truman O.) Comparison of two linear estimators with assumptions on rank. **46** #10135
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(with Amemiya, Takeshi; Poirier, Dale J.) On the estimation of product frontiers: maximum likelihood estimation of the parameters of a discontinuous density function. **55** #1635
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- Crain, Bradford R. See Mendoza, Jorge L.; et al., (54 #14251)
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- Draper, Norman R. (with Guttman, Irwin; Lipow, Peter R.) All-bias designs for spherical functions joined at the axes. (56 #9852)
- Federer, Walter T. (with Paik, U. B.; Raktue, B. L.; Werner, L. H.) Some combinatorial problems and results in fractional replication. (50 #6888)
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- Hoel, David G. See Patel, Kantilal M., (52 #2021)
- Kounias, Eustratios G. Optimal 2^k designs of odd and even resolution. (57 #1784)
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- Macdonald, Peter The analysis of a 2^m experiment by means of ranks. (50 #11649)
- Mendoza, Jorge L. (with Toothaker, Larry E.; Crain, Bradford R.) Necessary and sufficient conditions for F ratios in the $L \times J \times K$ factorial design with two repeated factors. (54 #14251)
- Paik, U. B. See Federer, Walter T.; et al., (50 #6888)
- Patel, Kantilal M. (with Hoel, David G.) A nonparametric test for interaction in factorial experiments. (52 #2021)
- Raghavarao, D. (with Aggarwal, K. R.) Extended generalized right angular designs and their applications as confounded asymmetrical factorial experiments. (50 #15196)
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- Simon, Richard M. (with Weiss, George H.; Hoel, David G.) Sequential analysis of binomial clinical trials. 51 #9396
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- Smith, M. H. A secretary problem with uncertain employment. 51 #14460
- Sobel, Milton (with Weiss, George H.) Play-the-winner rule and inverse sampling in selecting the better of two binomial populations. 46 #8358
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- Suesada, Shunichi See Sugimura, Masahiko; et al., 58 #8072
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- Jones, P. W. Some results for the two armed bandit problem. (German and French summaries) (56 #10996)
- Lee, Jung Keun (with Sobel, Milton) Dorfman and R_1 -type procedures for a generalized group-testing problem. (46 #10432)
- Magiera, Ryszard (with Trybula, Stanislaw) Oblique plans for a binomial process. (Polish) (57 #17982)
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- Arató, Mátýás Methods of computer technology in the theory of stochastic processes and statistics with applications to biology. (Hungarian) (49 #4344)
- Cramér, Harald ★Structural and statistical problems for a class of stochastic processes. (53 #4204)
- (Ephremides, Anthony) See Random processes, (52 #9344)
- (Kalašnikov, V. V.) See Karlin, Samuel, (50 #3349)
- Karlin, Samuel ★Основы теории случайных процессов. (Russian) [Fundamentals of the theory of random processes] (50 #3349)
- (Kovalenko, I. M.) See Karlin, Samuel, (50 #3349)
- (Mosteller, F.) See Cramér, Harald, (53 #4204)
- Jump-point processes See Random processes, (52 #9344)
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- Apokorin, D. S. Asymptotic properties of Markov chain parameter estimates. (Russian summary) 55 #6737
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- Arató, Mátýás On Bayesian estimation of the unknown parameter of a diffusion process. (Hungarian. English summary) 54 #1505
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- Correction to: "Asymptotic results for estimators in a subcritical branching process with immigration" (Ann. Probability **4** (1977), no. 2, 319-325). **55** #1669
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- Statistics See Proceedings: Annual Meeting of the American Statistical Association, Business and Economic Statistics Section, (55 #4444)

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- Batchelder, William H. (with Narens, Louis) A critical examination of the analysis of dichotomous data. 57 #10980
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- Bedall, F. K. Die Analyse von aggregierten Zeitreihendaten unter der Annahme einer einfachen Markoffkette. (English summary) (55 #13685)
- Blin, Jean-Marie Preference aggregation and statistical estimation. (55 #14266)
- Kadane, Joseph B. (with Lehoczky, John P.) Random juror selection from multiple lists. (53 #9449)
- Lancaster, H. O. ★An introduction to medical statistics. (53 #6959)
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- (Payne, Clive) See Analysis of survey data, (58 #13415) and Analysis of survey data, (58 #13416)
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- Secondary classifications:**
- Bartlett, N. S. (with Govindarajulu, Z.) Selecting a subset containing the best hypergeometric population. (47 #1183)
- Burstein, Herman Close approximations of percentage points of the chi-square distribution and Poisson confidence limits. (50 #11578 (E 51 #11910))
- Chattoadhyay, A. K. See Schuurmann, F. J.; et al., (54 #11653)
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- Govindarajulu, Z. See Bartlett, N. S., (47 #1183)
- Haas, R. W. See Owen, Donald B., (58 #18836)
- Hahn, Gerald J. (with Hendrickson, Richard W.) A table of percentage points of the distribution of the largest absolute value of k Student t variates and its applications. (47 #2716)

- Hendrickson, Richard W. See Hahn, Gerald J., (47 #2716)
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- Jäger, R. Tabellen für die korrigierte Schätzung des Korrelationskoeffizienten nach Olkin und Pratt für $n=8$ bis 40. (English summary) (52 #9495)
- John, S. Critical values for inference about normal dispersion. (51 #2095)
- Khamis, Salem H. ★Tables of the incomplete gamma function ratio (the chi-square integral, the Poisson distribution). (50 #15255)
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- Lee, Yoong Sin Tables of upper percentage points of the multiple correlation coefficient. (47 #4394)
- Lienert, G. A. ★Verteilungsfreie Methoden in der Biostatistik. (53 #4305)
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- Corrections to: "Current trends in algebra" (Amer. Math. Monthly 80 (1973), 760-782). (49 #10508)
- Bondarëv, P. A. Application of the averaging method to the approximate solution of a certain integro-differential equation. (Russian) (50 #14129)
- Grzegórski, S. (with Popławska, H.) On a method of optimization. (Polish summary) (51 #9821)
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- Zlatev, Minčo** (with Krumov, A.) Nonlinear dynamical systems. An investigation by means of linearized differential operators. (Bulgarian. Russian and English summaries) (58 #6594)

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- Čudov, L. A.** Certain questions of numerical mathematics. (Russian) (57 #4533)
- (Denman, Eugene D.) See **Invariant imbedding**, (48 #5384)
- Dryja, M.** Difference and finite-element methods for the dynamical problem of thermodiffusion in an elastic solid. (Polish and Russian summaries) (56 #13909)
- Milne, William Edmund** ★Numerical solution of differential equations. (49 #11808)
- (Reynolds, R. R.) See **Milne, William Edmund**, (49 #11808)
- Samarskii, A. A.** ★Теория разностных схем. (Russian) [Theory of difference schemes] (58 #3288)
- Thomée, Vidar** See **Brenner, Philip**; et al., (57 #1106)
- Verwer, J. G.** A class of stabilized three-step Runge-Kutta methods for the numerical integration of parabolic equations. (58 #8284)
- Wahlbin, Lars B.** See **Brenner, Philip**; et al., (57 #1106)
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- Albrecht, Julius** Zum Mehrstellenverfahren bei Systemen partieller Differentialgleichungen 1. Ordnung. 56 #7228
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- Bal, Stefan** Convergence of a difference method for a system of first order partial differential equations of hyperbolic type. 53 #14924
- Barrow, David L.** Existence of Gauss interpolation formulas for the one-dimensional heat equation. 54 #1637
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- Bellman, Richard** (with Kashef, Bayesteh; Casti, John) Differential quadrature: a technique for the rapid solution of nonlinear partial differential equations. 49 #1792
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- Bendzulla, Claus** See **Oelschlägel, Dieter**; et al., 53 #14926
- Bhattacharyya, S.** See **Jain, M. K.**; et al., 54 #14392
- Burlachenko, V. P.** (with Sidenko, M. I.) Approximation according to V. K. Dzjadyl's method of the solution of a certain problem connected with an equation of hyperbolic type. (Russian) 53 #14925
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- Kalaba, Robert E.** See **Angel, Edward**; et al., **48** #1480
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- Paskaleva, Nedelja** (with Miluševa, S. D.) Numerical solution of the Tricomi problem for a certain equation of mixed type with discontinuous coefficients. (Bulgarian. Russian and German summaries) **46** #6609
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- Sachs, Albert** Zur numerischen Behandlung freier Randwertprobleme parabolischer Differentialgleichungen. **54** #9103
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- Sidenko, M. I.** See **Burlachenko, V. P.**, **53** #14925
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- Szepesvári, István** A convergent finite difference method for a certain degenerate nonlinear parabolic equation in several variables. (Hungarian. English and Russian summaries) **54** #9104
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- Turkel, Eli** (with Abarbanel, Saul; Gottlieb, David) Multidimensional difference schemes with fourth-order accuracy. **56** #17108
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- Vasil'ev, V. I.** (with Kardaševskii, A. M.; Ohlopkov, N. M.) A multiparameter difference scheme for an evolution equation. (Russian) **58** #31873
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- Warming, R. F.** (with Kutler, Paul; Lomax, Harvard) Second- and third-order noncentered difference schemes for nonlinear hyperbolic equations. **48** #7617
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- Wirz, H. J.** (with De Schutter, F.; Turi, A.) An implicit, compact, finite difference method to solve hyperbolic equations. **57** #18127
- Secondary classifications:
- Čhrukidze, N. K.** The estimation of the solutions of a system of nonlinear parabolic differential equations. (Russian) (**53** #13847)
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- Zenouda, J. C.** Étude d'un schéma aux différences finies pour la résolution numérique des équations de Navier-Stokes couplées à celle de la chaleur. (Loose English summary) (46 #7733)
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- Kumar, Ashok** (with Unny, T. E.) Application of Runge-Kutta method for the solution of non-linear partial differential equations. (56 #10037)
- Madsen, Niel K.** (with Sincovec, Richard F.) The numerical solution of nonlinear partial differential equations. (53 #4561)
- Mamažanov, Ž. M.** (with Muhidinov, N. M.) The method of lines for the solution of problems on gas influx into tunnels. (Russian) (Not reviewed)
- Mdzinarišvili, L. G.** See **Aleksidze, M. A.**, (46 #2884)
- Meyer, Gunter H.** An alternating direction method for multi-dimensional parabolic free surface problems. (55 #11635)
- The method of lines for Poisson's equation with nonlinear or free boundary conditions. (57 #11085)
- Mingle, John O.** The method of differential quadrature for transient nonlinear diffusion. (56 #7238)
- Muhidinov, N. M.** See **Mamažanov, Ž. M.**, (Not reviewed)
- Petry, Walter** ★Die Linienmethode zum Nachweis von Existenz und Eindeutigkeit einer Lösung der nichtlinearen Evolutionsgleichung mit nichtlinearer Nebenbedingung. (58 #3513)
- Semenov, I. P.** Approximate solution by the method of lines of a boundary value problem for an equation of elliptic type. (Russian) (58 #19188)
- Sincovec, Richard F.** See **Madsen, Niel K.**, (53 #4561) and **Heydweiller, J. C.**, (56 #13678)
- Sobolev'skii, P. O.** (with Čebotareva, L. M.) Approximate solution of the Cauchy problem for an abstract hyperbolic equation by the method of lines. (Russian) (58 #24986)
- Styś, Tadeusz** The method of lines for nonlinear parabolic equations. (Russian summary) (58 #24987)
- Teodoru, Georgeta** The approximation of the solution of a generalized Goursat problem. (Romanian summary) (53 #4562)
- Unny, T. E.** See **Kumar, Ashok**, (56 #10037)
- Voigt, Alexander** Line method approximations to the Cauchy problem for nonlinear parabolic differential equations. (50 #15370)

Secondary classifications:

- Abdulahapizov, H.** See **Muhidinov, N. M.**, (58 #19256)
- Abdurazakov, A. A.** (with Akbarov, A. A.) Convergence of the method of lines for the solution of problems on the simultaneous processing of a system of isolated gas-bearing strata. (Russian) (58 #19250)
- Akbarov, A. A.** See **Abdurazakov, A. A.**, (58 #19250)
- Amiraliev, G. M.** A note on the application of the method of lines to second order quasilinear elliptic partial differential equations. (Russian. Azerbaijani summary) (53 #14931)

Boney, L. R. See **Kurtz, Lawrence A.**; et al., (58 #8390)

- Kostjukovič, E. H.** The method of lines for the solution of a boundary value problem for the heat equation in a three-dimensional domain that is different from a rectangular parallelepiped. (Russian) (58 #3530)
- Kurtz, Lawrence A.** (with Smith, R. E.; Parks, C. L.; Boney, L. R.) A comparison of the method of lines to finite difference techniques in solving time-dependent partial differential equations. (58 #8390)
- Mal'cev, A. P.** The convergence of the Rothe method in the construction of a bounded almost periodic and periodic solution of a boundary value problem of parabolic type. (Russian. English summary) (46 #2198)
- The construction of a bounded, almost periodic and periodic solution of a problem of parabolic type by the method of lines. (Russian. English summary) (46 #2199)
- Muhidinov, N. M.** (with Abdulahapizov, H.) Application of the method of lines to the numerical solution of gas filtration problems for a system of two-layered strata that are separated by a weakly permeable crosspiece. (Russian) (58 #19256)
- Parks, C. L.** See **Kurtz, Lawrence A.**; et al., (58 #8390)
- Smith, R. E.** See **Kurtz, Lawrence A.**; et al., (58 #8390)
- Walter, Wolfgang** The line method for parabolic differential equations problems in boundary layer theory and existence of periodic solutions. (58 #19249)

65M25 Method of characteristics

- Abrašin, V. N.** (with Vakul'čik, P. A.) Iteration schemes for the method of characteristics. (Russian) (55 #4710)
- (with Vakul'čik, P. A.) Difference schemes of the method of characteristics for quasilinear hyperbolic systems. (Russian) (58 #8325)
- Altom, Donald W.** See **Nelson, Paul, Jr.**, (56 #10038)
- Bendzulla, Claus** See **Oelschlägel, Dieter**; et al., (54 #1641)
- Bobkova, N. A.** The convergence of some numerical schemes of the method of characteristics. (Russian) (57 #1917)
- Burk, Frank** Finite difference methods for a singular Cauchy problem. (54 #9105)
- Demmig, F.** Ein explizites Charakteristikenverfahren zweiter Ordnung für das Anfangswertproblem bei quasilinearen hyperbolischen Differentialgleichungssystemen erster Ordnung mit zwei unabhängigen Veränderlichen. (English and Russian summaries) (54 #4130)
- Dietrich, Wolfgang** See **Oelschlägel, Dieter**; et al., (54 #1641)
- Hackbusch, Wolfgang** Extrapolation to the limit for numerical solutions of hyperbolic equations. (56 #13679)
- On a method of characteristics for solving a hyperbolic equation of second order. (German summary) (58 #3514)
- Konjuškov, V. M.** Solution of the Cauchy problem for hyperbolic equations and systems of hyperbolic equations by the simplified Čaplygin method. (Russian) (50 #11794)
- Lax, Peter D.** See **Mock, Michael S.**, (57 #8054)
- Mock, Michael S.** (with Lax, Peter D.) The computation of discontinuous solutions of linear hyperbolic equations. (57 #8054)
- Nelson, Paul, Jr.** (with Altom, Donald W.) Hybrid solution of partial differential equations by application of invariant imbedding to the serial method. (56 #10038)
- Oelschlägel, Dieter** (with Bendzulla, Claus; Dietrich, Wolfgang) Ein Programm zur numerischen Integration von speziellen hyperbolischen Differentialgleichungssystemen mittels eines Charakteristikenverfahrens. (54 #1641)
- Pao, C. V.** Successive approximations of some nonlinear initial-boundary value problems. (49 #4265)
- Vakul'čik, P. A.** See **Abrašin, V. N.**, (55 #4710) and **Abrašin, V. N.**, (58 #8325)

Secondary classifications:

- Kovrig, V. G.** Solution of the Cauchy problem for quasilinear hyperbolic systems by means of iterations. (Russian) (46 #532)

65M30 Improperly posed problems

- Buzbee, B. L.** (with Carasso, Alfred S.) On the numerical computation of parabolic problems for preceding times. (51 #4689)
- Carasso, Alfred S.** Error bounds in the final value problem for the heat equation. (52 #16051)
- Computing small solutions of Burgers' equation backwards in time. (56 #4187)
- See also **Buzbee, B. L.**, (51 #4689)
- Devdariani, R. G.** (with Tabagari, A. A.) ★О численных результатах решения некорректно поставленных задач методом квазиобращения. (Russian) [Numerical results on the solution of ill-posed problems by the method of quasi-reversibility] (56 #10039)
- Douglas, Jim, Jr.** (with Dupont, Todd; Wahlbin, Lars B.) The stability in L^q of the L^2 -projection into finite element function spaces. (52 #4669)
- Dupont, Todd** See **Douglas, Jim, Jr.**; et al., (52 #4669)
- Glasko, V. B.** (with Guščin, G. V.; Starostenko, V. I.) The application of A. N. Tikhonov's regularization method to the solution of nonlinear systems of equations. (Russian) (55 #4711)
- Grebennikov, A. I.** See **Morozov, V. A.**, (55 #4712)
- Guščin, G. V.** See **Glasko, V. B.**; et al., (55 #4711)
- Laurent'ev, M. M.** Numerical solution of conditionally properly posed problems. (46 #8435)
- Morozov, V. A.** (with Grebennikov, A. I.) Optimal methods for the solution of ill-posed problems. (Russian. Georgian and English summaries) (55 #4712)
- Starostenko, V. I.** See **Glasko, V. B.**; et al., (55 #4711)
- Stevens, Tom** A deterministic view of a statistical method for stable extension of unstable linear problems. (58 #3515)
- Tabagari, A. A.** See **Devdariani, R. G.**, (56 #10039)
- Wahlbin, Lars B.** See **Douglas, Jim, Jr.**; et al., (52 #4669)

Secondary classifications:

- Carasso, Alfred S.** (*with* Sanderson, James G.; Hyman, James M.) Digital removal of random media image degradations by solving the diffusion equation backwards in time. **(58 #4594)**
- Hyman, James M.** *See* Carasso, Alfred S.; et al., **(58 #4594)**
- Safonov, V. F.** Analytic solutions of a problem of the nonlinear theory of the regularization method. (Russian) **(58 #6630)**
- Sanderson, James G.** *See* Carasso, Alfred S.; et al., **(58 #4594)**

65M99 None of the above, but in this section

- Abarbanel, Saul** (*with* Gottlieb, David) On proving stability of multidimensional difference schemes. **51 #11946**
- Adam, Yves** Highly accurate compact implicit methods and boundary conditions. **55 #11638**
- Brčić, I. V.** *See* Kovač, Ju. I., **58 #3518**
- Cannon, John R.** (*with* Ewing, Richard E.) A direct numerical procedure for the Cauchy problem for the heat equation. **54 #4131**
(*with* DuChateau, Paul) Approximating the solution to the Cauchy problem for Laplace's equation. **55 #11636**
- Collatz, Lothar** Hermitian methods for initial value problems in partial differential equations. **50 #11795**
- Dendy, J. E., Jr.** (*with* Fairweather, Graeme) Alternating-direction Galerkin methods for parabolic and hyperbolic problems on rectangular polygons. **52 #2236 (E 54 #1657)**
- Diguglielmo, Alain** Méthode de décomposition pour un problème unilatéral de type parabolique. (English summary) **58 #3516**
- DuChateau, Paul** *See* Cannon, John R., **55 #11636**
- Erben, M. Talât** Polygonal cyclic systems of exact differentials. (Turkish summary) **57 #14486**
- Ewing, Richard E.** *See* Cannon, John R., **54 #4131**
- Fairweather, Graeme** A note on the efficient implementation of certain Padé methods for linear parabolic problems. **58 #8326**
See also Dendy, J. E., Jr., **52 #2236 (E 54 #1657)**
- Glasser, David** (*with* Kern, Jochen) Bounds and approximate solutions to linear problems with nonlinear boundary conditions: solidification of a slab. **57 #4531**
- Gottlieb, David** *See* Abarbanel, Saul, **51 #11946**
- Gourlay, A. R.** (*with* McKee, S.) The construction of hopscotch methods for parabolic and elliptic equations in two space dimensions with a mixed derivative. **56 #17111**
- Grădinaru, N.** (*with* Teodoru, Georgeta) On certain numerical methods for the Goursat problem. (Romanian. English summary) **53 #7057**
- Guderley, Karl Gottfried** (*with* Hsu, Chen Chi) A predictor-corrector method for a certain class of stiff differential equations. **45 #8001**
- Hackbusch, Wolfgang** Extrapolation applied to certain discretization methods solving the initial value problem for hyperbolic differential equations. **58 #13756**
- Harten, Amiram** The artificial compression method for computation of shocks and contact discontinuities. I. Single conservation laws. **55 #11637**
- Hsu, Chen Chi** *See* Guderley, Karl Gottfried, **45 #8001**
- Hulme, Bernie L.** Piecewise polynomial Taylor methods for initial value problems. **45 #8002**
- Iglikov, A.** An approximate solution by the Fourier method of a mixed problem for the equation of a vibrating string and for the equation of heat conduction. (Russian) **51 #14604**
- Jarmuhamedov, Š.** The Cauchy problem for the Laplace equation. (Russian) **56 #7239**
- Kaljaev, A. V.** (*with* Zolotovskii, V. E.) Formulas for the numerical integration of a wave equation on digital integrators. I. (Russian. English summary insert) **58 #3517**
- Kerimova, D. N.** *See* Šafiev, R. A., **46 #6611**
- Kern, Jochen** *See* Glasser, David, **57 #4531**
- Korolev, O. I.** Functions of an implicit difference scheme for a hyperbolic equation. (Russian) **58 #31876**
- Kovač, Ju. I.** Modifications of the accelerated convergence to the solution of a linear partial differential equation with deviating argument. (Russian) **50 #3599**
(*with* Brčić, I. V.) Accelerated convergence of the iteration method for the telegrapher's equation with deviating argument. (Russian. English summary) **58 #3518**
- Kovrig, V. G.** A numerical comparison of the methods of Moser and Picard for quasilinear hyperbolic equations. (Russian) **48 #7622**
- Kreiss, Heinz-Otto** (*with* Oliger, Joseph) Comparison of accurate methods for the integration of hyperbolic equations. (Russian summary) **47 #7926**
- Lee, Chiu Fan** On the solution of some diffusion equations with concentration-dependent diffusion coefficients. **45 #1100**
- Lerat, Alain** (*with* Peyret, Roger) Propriétés dispersives et dissipatives d'une classe de schémas aux différences pour les systèmes hyperboliques non linéaires. (English summary) **51 #9507**
- Liskovec, O. A.** A solution of the Cauchy problem for the Laplace equation by a generalized method of the summability of series. (Russian) **46 #1101**
- McKee, S.** The use of the Schur-Cohn conditions for determining the stability condition of multi-level finite difference schemes. **46 #2885**
See also Gourlay, A. R., **56 #17111**
- Medvedev, V. B.** *See* Viznjuk, G. I., (See RŽMat **1976 #8 B1156; MR 57 #10987**)
- Oden, J. T.** *See* Wellford, Landon Carter, Jr., **51 #9509**
- Oliger, Joseph** *See* Kreiss, Heinz-Otto, **47 #7926**
- Orner, Peter A.** (*with* Salamon, Peter F., Jr.; Yu, Wanyoung) Least squares simulation of distributed systems. **55 #1748**
- Pančišin, V. G.** (*with* Rudčenko, P. A.) The integration of equations of parabolic type. (Russian) **57 #4532**
- Papamichael, N.** (*with* Whiteman, J. R.) Comment: "Finite difference approximations to one-dimensional parabolic equations using a cubic spline technique" (J. Comput. Appl. Math. **2** (1976), no. 1, 23–26) by S. S. Sastry. **56 #1734**

- Peyret, Roger** *See* Lerat, Alain, **51 #9507**
- Pidlipenko, Ju. K.** ★Применение аппроксимационного метода к решению задачи Гурса для квазилинейных уравнений гиперболического типа. (Russian) [Application of an approximation method to the solution of the Goursat problem for quasilinear equations of hyperbolic type] **57 #8055**
- Poborčii, S. V.** The rate of convergence of the projection method of solution of an abstract parabolic equation in the case of a nonstationary operator. (Russian. English summary) **48 #7623**
- Políčka, A. Ě.** (*with* Sobolev'skii, P. O.) New L_p estimates for parabolic difference problems. (Russian) **57 #18129**
- Rastrenin, V. A.** The application of a certain difference method to abstract hyperbolic equations. (Russian) **49 #8388**
- Rautmann, Reimund** Ein Näherungsverfahren für spezielle parabolische Anfangswertaufgaben mit Operatoren. **51 #9508**
- Richtmyer, Robert D.** Methods for (generally unsteady) flows with shocks: a brief survey. **56 #10040**
- Rudčenko, P. A.** *See* Pančišin, V. G., **57 #4532**
- Šafiev, R. A.** (*with* Kerimova, D. N.) The continuous analogue of a certain class of iteration methods. (Russian. Azerbaijani summary) **46 #6611**
- Salamon, Peter F., Jr.** *See* Orner, Peter A.; et al., **55 #1748**
- (Sastry, S. S.)** *See* Papamichael, N.; et al., **56 #1734**
- Schechter, Ervin** The use of differential inequalities in the convergence analysis of the numerical solution of degenerate parabolic equations. **54 #4132**
- Smirnov, Ju. B.** The mesh method for a certain nonlinear equation with a degeneracy. (Russian) **57 #11086**
- Sobolev'skii, P. O.** The theory of semigroups and the stability of difference schemes. (Russian) **58 #31877**
See also Políčka, A. Ě., **57 #18129**
- Sokolowski, Jan** Methods of approximation of the solutions of partial differential equations of parabolic type. (Polish. Russian and English summaries) **50 #9002**
- Stroud, A. H.** Integration formulas for the wave equation in n space dimensions. **57 #14487**
- Styczek, Andrzej M.** A numerical method for solving the Cauchy problem in some parabolic cases. (Russian summary) **53 #12029**
- Teodoru, Georgeta** *See* Grădinaru, N., **53 #7057**
- Turkel, Eli** Composite methods for hyperbolic equations. **56 #1735**
- Viznjuk, G. I.** (*with* Medvedev, V. B.) A study of the properties of difference schemes for systems of two fourth order partial differential equations. (Russian) (See RŽMat **1976 #8 B1156; MR 57 #10987**)
- Weinberger, H. F.** On optimal numerical solution of partial differential equations. **46 #6612**
- Wellford, Landon Carter, Jr.** (*with* Oden, J. T.) A note on the accuracy and convergence of finite element approximations of the convection equation. **51 #9509**
- Wendroff, Burton** Spline-Galerkin methods for initial-value problems with variable coefficients. **55 #4713**
- Whiteman, J. R.** *See* Papamichael, N., **56 #1734**
- Yu, Wanyoung** *See* Orner, Peter A.; et al., **55 #1748**
- Zolotovskii, V. E.** *See* Kaljaev, A. V., **58 #3517**

Secondary classifications:

- Barrodale, Ian** (*with* Young, Andrew) Computational experience in solving linear operator equations using the Chebyshev norm. (See Zbl **212**, 173; MR **58** #24836)
- Dekker, K.** (*with* van der Houwen, P. J.; Verwer, J. G.; Wolkenfelt, P. H. M.) ★Comparing stabilized Runge-Kutta methods for semi-discretized parabolic and hyperbolic equations. **(58 #19146)**
- Dušin, A. V.** (*with* Liberman, B. D.) Numerical analysis of the spectrum of a partial differential operator, connected with the "panel flutter" problem. (Russian) **(58 #19798)**
- Hedstrom, G. W.** The accuracy of Dafermos' method for nonlinear hyperbolic equations. **(49 #11063)**
- van der Houwen, P. J.** *See* Dekker, K.; et al., **(58 #19146)**
- Khan, Amanullah** Use of integral transforms in the simulation of distributed parameter processes. **(55 #7149)**
- Kočina, N. N.** A certain periodic solution of the diffusion equation. (Russian) **(45 #2301)**
- Kovač, Ju. I.** Upper and lower estimates in the approximate integration of partial differential equations with retarded argument. (Russian) **(46 #2273)**
On the question of an iterative method of solving a nonlinear system of partial differential equations in implicit form with lag. (Russian) **(49 #7631)**
- Kreth, Horst** Der Nachweis der Existenz verallgemeinerter Lösungen quasilinearer Anfangswertaufgaben mittels Differenzenverfahren. (English summary) **(57 #17041)**
- Liberman, B. D.** *See* Dušin, A. V., **(58 #19798)**
- Verwer, J. G.** *See* Dekker, K.; et al., **(58 #19146)**
- Wolkenfelt, P. H. M.** *See* Dekker, K.; et al., **(58 #19146)**
- Young, Andrew** *See* Barrodale, Ian, (See Zbl **212**, 173; MR **58** #24836)
- Zlámal, Miloš** Finite element methods for nonlinear parabolic equations. (French summary) **(58 #19239)**

65Nxx Partial differential equations, boundary value problems

- (Aziz, A. K.)** *See* Mathematical foundations of the finite element method with applications to partial differential equations, **49 #11824**
- Birkhoff, Garrett** ★The numerical solution of elliptic equations. **46 #10221**
- (de Boor, Carl)** *See* Mathematical aspects of finite elements in partial differential equations, **50 #1525**
- Chin, Raymond C. Y.** Notes on the article: "Local error of difference approximations to hyperbolic equations" [(J. Computational Phys. **14** (1974), 93–103)] by Steven A. Orszag and Lance W. Jayne. **58 #13762b**
- Čudov, L. A.** Certain questions of numerical mathematics. (Russian) **57 #4533**

- Dodescu, Gh. See Racoveanu, N.; et al., 57 #14488
- Gagua, M. B. Certain questions of the approximate solution of boundary value problems. (Russian) 45 #1406
- (Jayne, Lance W.) See Chin, Raymond C. Y., 58 #13762b
- Mincu, I. See Racoveanu, N.; et al., 57 #14488
- (Orszag, Steven A.) See Chin, Raymond C. Y., 58 #13762b
- Rachford, Henry H., Jr. Two-level discrete-time Galerkin approximations for second order nonlinear parabolic partial differential equations. 49 #4277
- Racoveanu, N. (with Dodescu, Gh.; Mincu, I.) ★Metode numerice pentru ecuații cu derivate parțiale de tip parabolic. (Romanian) [Numerical methods for partial differential equations of parabolic type] 57 #14488
- Sapagovas, Mifodijus A short survey and annotated bibliography on the approximate methods of solution of quasilinear elliptic equations. (Russian. Lithuanian and English summaries) 50 #11796
- Bibliography:**
Approximate methods of solution of quasilinear elliptic equations See Sapagovas, Mifodijus, 50 #11796
- Finite element methods See Mathematical foundations of the finite element method with applications to partial differential equations, 49 #11824
- Finite elements See Mathematical aspects of finite elements in partial differential equations, 50 #1525
- Mathematical aspects of finite elements in partial differential equations ★Mathematical aspects of finite elements in partial differential equations. 50 #1525
- Mathematical foundations of the finite element method with applications to partial differential equations ★The mathematical foundations of the finite element method with applications to partial differential equations. 49 #11824
- Numerical solution of partial differential equations See Mathematical aspects of finite elements in partial differential equations, 50 #1525
- Partial differential equations See Mathematical foundations of the finite element method with applications to partial differential equations, 49 #11824
- Solutions of Stefan problems ★Решения задач Стефана. (Russian) [Solutions of Stefan problems] 52 #16052
- Symposium:**
Mathematical Aspects of Finite Elements in Partial Differential Equations See Mathematical aspects of finite elements in partial differential equations, 50 #1525
- Mathematical Foundations of the Finite Element Method with Applications to Partial Differential Equations See Mathematical foundations of the finite element method with applications to partial differential equations, 49 #11824
- Secondary classifications:
- Arsenin, V. Ja. See Tihonov, A. N., (56 #13604)
- Brebbia, C. A. ★The boundary element method for engineers. (58 #19652)
- Gorenflo, Rudolf Über S. Gerschgorins Methode der Fehlerabschätzung bei Differenzenverfahren. (58 #3484)
- (Janenko, N. N.) See Difference methods of solving problems of mathematical physics, (51 #9655)
- (John, Fritz) See Tihonov, A. N.; et al., (56 #13604)
- Kolosoza, S. V. A method for the solution of the Dirichlet problem. (Russian) (58 #1581)
- (Kuznecov, Ju. A.) See Varga, Richard S., (50 #10623)
- Kvedaras, Bronius Methods for the solution of differential equations. (Russian. Lithuanian and English summaries) (52 #7183)
- Lebedev, V. I. An iterative method with Čebyšev parameters for determining the largest eigenvalue and the corresponding eigenfunction. (Russian) (58 #8391)
- (Macokin, A. M.) See Varga, Richard S., (50 #10623)
- (Marcuk, G. I.) See Varga, Richard S., (50 #10623)
- Milne, William Edmund ★Numerical solution of differential equations. (49 #11808)
- (Nienbuys, J. W.) See Temam, Roger, (49 #11819)
- (Reynolds, R. R.) See Milne, William Edmund, (49 #11808)
- Samarskii, A. A. ★Теория разностных схем. (Russian) [Theory of difference schemes] (58 #3288)
- (Smith, S.) See Difference methods of solving problems of mathematical physics, (51 #9655)
- Temam, Roger ★Numerical analysis. (49 #11819)
- Tihonov, A. N. (with Arsenin, V. Ja.) ★Solutions of ill-posed problems. (56 #13604)
- Varga, Richard S. ★Functional analysis and approximation theory in numerical analysis. (46 #9602)
- ★Функциональный анализ и теория аппроксимации в численном анализе. (Russian) [Functional analysis and approximation theory in numerical analysis] (50 #10623)
- Widlund, Olof B. A Lanczos method for a class of nonsymmetric systems of linear equations. (58 #3357)
- Difference methods of solving problems of mathematical physics ★Difference methods of solving problems of mathematical physics. II. (51 #9655)
- Mathematical physics See Difference methods of solving problems of mathematical physics, (51 #9655)
- Proceedings of the Steklov Institute of Mathematics See Difference methods of solving problems of mathematical physics, (51 #9655)
- 65N05 Derivation of finite difference approximations
- Abeljašev, A. I. A certain difference scheme for the heat equation. (Russian) 54 #1642
- Abesadze, L. I. See Demetrashvili, N. G., 54 #1643
- Abrašins, V. N. (with Vakuļčik, P. A.) Difference schemes of first order accuracy for quasilinear hyperbolic systems. (Russian) 51 #7310
- Difference schemes for nonlinear hyperbolic equations. II. (Russian) 51 #14605
- Letter to the editors: "Difference schemes for parabolic equations with a nonlinear degeneracy" (Diferencial'nye Uravnenija 12 (1976), no. 8, 1470-1484). (Russian) 58 #31891b
- Difference schemes for certain nonstationary nonlinear problems. (Russian) 55 #13809
- (with Matus, P. P.) Difference schemes for certain equations of gas dynamics (Russian. English summary) 57 #8056
- Abrašina, N. N. Some difference schemes for nonlinear hyperbolic equations. (Russian) 56 #17112
- Adler, György An unconditionally stable and unconditionally "parabolic" finite difference formula for degenerating parabolic equations. (Italian summary) 52 #4649
- Ahuja, Raj See Jain, M. K.; et al., 56 #10042
- Almuhannbetov, N. Numerical realization of the boundary conditions in the problems of elasticity theory. (Russian) 50 #9003
- Alsop, L. E. (with Goodman, A. S.) Finite difference formulas for Neumann condition on irregularly shaped boundaries. 48 #10142
- Andreev, V. B. (with Arhipova, E. Ju.) The use of difference schemes for the solution of the Laplace equation with discontinuous boundary conditions of the first kind (Russian) 53 #7058
- Difference methods for elliptic equations (methods for the construction of difference schemes). (Russian) 58 #24988
- Antonov, Ju. S. See Ohlopkov, N. M., 50 #6167 and Ohlopkov, N. M., 50 #6168
- Arhipova, E. Ju. See Andreev, V. B., 53 #7058
- Babenko, K. I. Several remarks on the discretization of elliptic problems. (Russian) 53 #9669
- Babuška, Ivo Approximation by hill functions. 45 #1396 (EA 45)
- Finite element method for domains with corners. (German summary) 45 #2934
- The finite element method for infinite domains. I. 45 #8018
- Baiocchi, C. (with Pozzi, Gianni A.) Error estimates and free-boundary convergence for a finite difference discretization of a parabolic variational inequality. (French summary) 57 #4534
- Bărbulescu, E. See Grün, U.; et al., 58 #8327
- Barkova, G. D. The difference solution of the spacial analogue of the Tricomi problem. (Russian) 46 #2886
- Barrow, David L. See Stroud, A. H., 56 #4190
- Basik, V. A. The solution by the method of the matrix double sweep of certain boundary problems in domains composed of rectangles. (Russian) 45 #8019
- Belinskii, P. P. (with Godunov, S. K.; Ivanov, Ju. B.; Janenko, I. K.) Application of a certain class of quasi-conformal mappings to the construction of difference grids in domains with curvilinear boundaries. (Russian) 55 #6878
- Bercun, V. N. (with Grišin, A. M.) The use of splines for the construction of efficient difference schemes. (Russian) 58 #31878
- See also Grišin, A. M., 54 #1644
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- Rao, K. R.** See **Ahmed, Nasir**; et al., **50** #1550; **Ahmed, Nasir**; et al., **50** #9025 (E **51** #7352); **Ahmed, Nasir**, **51** #7349 and **Shanmugam, K. Sam**, **51** #7352
- Reed, J. R.** See **Mullineux, N.**, **58** #13829
- Rietsch, E.** A Fourier series kernel based on Chebyshev polynomials. (German summary) **58** #25053
- Rieu, A.** Formulation matricielle de l'algorithme de Cooley et Tukey. Extension de cet algorithme. (English summary) **47** #1318
- Rösler, Rolf** Die schnelle Hilbert-Transformation. **57** #14559
- Sattarova, G. A.** (with Molodenkova, I. D.) A modification of the method of the fast Fourier transform. (Russian) **57** #18166
- Schultz, D. H.** See **Walter, Gilbert G.**, **56** #13743
- Schultz, R. B.** See **Ahmed, Nasir**; et al., **50** #1550
- Schwarz, Hans-Rudolf** The fast Fourier transform for general order. (German summary) **58** #31983
- Shanmugam, K. Sam** Comments on: "Discrete cosine transform" (IEEE Trans. Computers **C-23** (1974), 90-93) by N. Ahmed, T. Natarajan and K. R. Rao. **51** #7352

- Shreve, David C.** L^p approximation of Fourier transforms and certain interpolating splines. **52** #4683
- Silliman, Sherwood D.** The numerical evaluation by splines of Fourier transforms. **50** #9026
- Tomšič, Gabrijel** Fast Fourier transform. (Slovenian. English summary) **56** #4208
- Torii, Tatsuo** Fast Fourier transform for symmetric input data. **51** #7353
- Trần-Thông** (with Liu, Bede) Floating point fast Fourier transform computation using double precision floating point accumulators. **55** #11658
- Utembaev, N. A.** See **Amerbaev, V. M.**, **58** #31982
- Walter, Gilbert G.** (with Schultz, D. H.) Some eigenfunction methods for computing a numerical Fourier transform. **56** #13743
- Wilson, G. Tunncliffe** The factorization of matricial spectral densities. **48** #10175
- Zadiraka, V. K.** The comparison of certain algorithms for computing estimates of the Fourier integral and the correlation function. (Russian) **51** #14620
 (with Iginov, K.) An analysis of the accuracy and efficiency of a fast Fourier transform algorithm and of some of its applications. (Russian. English summary insert) **49** #11847
- Zlenko, M. P.** A generalization of discrete spectral transformations for diagonal factorization. (Russian) **58** #13830
- Tables:**
 Numerical harmonic analysis See **Krylov, V. I.**; et al., **52** #12374
- Secondary classifications:
- Blakemore, Michael** (with Evans, Gwynne A.; Hyslop, J. M.) Comparison of some methods for evaluating infinite range oscillatory integrals. (**56** #13539)
- Chang, Gau Zu** See **Lee, E. T. Y.**, (**58** #13629)
- Einarsson, Bo** On the calculation of Fourier integrals. (**56** #17003)
- Elliott, Douglas F.** A class of generalized continuous orthogonal transforms. (**57** #10372)
- Evans, Gwynne A.** See **Blakemore, Michael**; et al., (**56** #13539)
- Hyslop, J. M.** See **Blakemore, Michael**; et al., (**56** #13539)
- James, R. A.** The solution of Poisson's equation for isolated source distributions. (**58** #8373)
- Koenig, Michel** (with Zolésio, Jean-Paul) Problèmes numériques relatifs aux fonctions de Walsh. (**45** #1425)
- Lee, E. T. Y.** (with Chang, Gau Zu) On numerical evaluation of Fourier coefficients by splines. (**58** #13629)
- Liu, Bede** See **Trần-Thông**, (**57** #14396)
- Markov, Svetoslav M.** Computation of the derivatives of a function on the basis of its experimentally measured values. (Bulgarian. Russian and English summaries) (**56** #13538)
- Nussbaumer, H. J.** (with Quandalle, P.) Computation of convolutions and discrete Fourier transforms by polynomial transforms. (**57** #10997)
- Pasedach, K.** Einsatz blockzirkulanter Matrizen zur Rekonstruktion einer Funktion aus ihren Linienintegralen. (**56** #9904)
- Pearson, Allan E.** See **Silverman, Harvey F.**, (**52** #16839)
- Quandalle, P.** See **Nussbaumer, H. J.**, (**57** #10997)
- Rozenblat, M. Š.** (with Švečkii, B. I.) A fast-Fourier-transform algorithm. (**56** #7307)
- Semerdzhev, Hr.** Padé approximants of functions that are defined by trigonometric series. (Russian. English summary) (**58** #8155)
- Silverman, Harvey F.** (with Pearson, Allan E.) On deconvolution using the discrete Fourier transform. (**52** #16839)
- Švečkii, B. I.** See **Rozenblat, M. Š.**, (**56** #7307)
- Trần-Thông** (with Liu, Bede) Fixed-point fast Fourier transform error analysis. (**57** #14396)
- Zolésio, Jean-Paul** See **Koenig, Michel**, (**45** #1425)

68-XX COMPUTER SCIENCE [For papers involving machine computations and programs in a specific mathematical area, see section -04 in that area.]

- Bürger, Erich** ★Technical dictionary of data processing, computers and office machines. **58** #31984
 ★Datenerfassung—Programmierung. **58** #8419
- Dijkstra, E. W.** Programming as a discipline of mathematical nature. **51** #7354
- Klos, Joël** See **Wittmann, Alfred**, **58** #19277
- (Schuppe, Wolfgang) See **Bürger, Erich**, **58** #31984
- Weik, Martin H.** ★Standard dictionary of computers and information processing. **58** #8420
- Wittmann, Alfred** (with Klos, Joël) ★Dictionary of data processing including applications in industry, administration and business. **58** #19277
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J. Inform. Process. ★{Special issue: J. Inform. Process., first issue}. **57** #8105
- Secondary classifications:
- Agrawala, A. K.** See **Zelkowitz, M. V.**, (**47** #5)
- (Arbib, Michael) See **Algebraische Theorie abstrakter Automaten, formaler Sprachen und Halbgruppen**, (**49** #10487)
- (Assmus, Edward F., Jr.) See **Algebraische Theorie abstrakter Automaten, formaler Sprachen und Halbgruppen**, (**49** #10487)
- Belfakov-Bodin, Vl. I.** (with Glotova, È. V.) Obtaining an interpolation polynomial on a computer. (Russian) (**47** #6054)
- Bogart, Kenneth P.** See **Trotter, William T., Jr.**, (**54** #2553)
- (Budach, Lothar) See **Algebraische Theorie abstrakter Automaten, formaler Sprachen und Halbgruppen**, (**49** #10487)

- Čirkov, M. K. *See* Moroz, D. Z., (50 #8929)
- (Day, Jane M.) *See* Algebraische Theorie abstrakter Automaten, formaler Sprachen und Halbgruppen, (49 #10487)
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- (Krohn, Kenneth) *See* Algebraische Theorie abstrakter Automaten, formaler Sprachen und Halbgruppen, (49 #10487)
- Kulisch, Ulrich ★Grundlagen des numerischen Rechnens. (54 #14346)
- (Kunze, Jürgen) *See* Algebraische Theorie abstrakter Automaten, formaler Sprachen und Halbgruppen, (49 #10487)
- (Latt, K.) *See* Algebraische Theorie abstrakter Automaten, formaler Sprachen und Halbgruppen, (49 #10487)
- Malcolm, Michael A. On accurate floating-point summation. (47 #4434)
- (McNaughton, Robert) *See* Algebraische Theorie abstrakter Automaten, formaler Sprachen und Halbgruppen, (49 #10487)
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- (Modrow, Heinz D.) *See* Algebraische Theorie abstrakter Automaten, formaler Sprachen und Halbgruppen, (49 #10487)
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- (Papert, Seymour) *See* Algebraische Theorie abstrakter Automaten, formaler Sprachen und Halbgruppen, (49 #10487)
- (Pohl, H. J.) *See* Algebraische Theorie abstrakter Automaten, formaler Sprachen und Halbgruppen, (49 #10487)
- Red'kin, N. P. Complexity of realization of incompletely-defined Boolean functions. (56 #11617)
- (Rhodes, John L.) *See* Algebraische Theorie abstrakter Automaten, formaler Sprachen und Halbgruppen, (49 #10487)
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- Trotter, William T., Jr. (with Bogart, Kenneth P.) On the complexity of posets. (54 #2553)
- Vasilenko, Ju. A. ★Многозначные структуры. (Russian) [Multivalued structures] (50 #9431)
- Zaharov, V. N. The complexity of the construction of Boolean tables. (Russian) (56 #11634)
- Zalcstein, Yechezkel Group-complexity and reversals of finite semigroups. (54 #10457)
- (Zech, Karl-Adolf) *See* Algebraische Theorie abstrakter Automaten, formaler Sprachen und Halbgruppen, (49 #10487)
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- (Zeiger, H. Paul) *See* Algebraische Theorie abstrakter Automaten, formaler Sprachen und Halbgruppen, (49 #10487)
- Zelkowitz, M. V. (with Agrawala, A. K.) KWIC index for computer networks. (47 #5)
- (Ziman, Ju. L.) *See* Dictionary: Computer technology. (51 #10001)
- (Zimarev, A. N.) *See* Dictionary: Computer technology. (51 #10001)
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- Apresjan, Ju. D. ★Éléments sur les idées et les méthodes de la linguistique structurale contemporaine. 58 #31985
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- Krinickii, N. A. (with Mironov, G. A.; Frolov, G. D.) ★Программирование в алгоритмические языки. (Russian) [Programming, and algorithmic languages] 55 #13848
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- Langmaack, Hans *See* Kandzia, Peter, 54 #14415
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- (Mazurkiewicz, Antoni) *See* Mathematical foundations of computer science, 55 #13851
- Méda, G. Quelques aspects des langages de programmation. (English summary) 53 #12049
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- Miesicki, Jerzy Encyclopedic information about digital computers. (Polish) 57 #8106
- Mironov, G. A. *See* Krinickii, N. A.; et al., 55 #13848
- Newell, Allen (with Simon, Herbert A.) Computer science as empirical inquiry: symbols and search. 57 #4555
- Nievergelt, Jurg (with Farrar, J. Craig; Reingold, Edward M.) ★Computer approaches to mathematical problems. 57 #14560a
(with Farrar, J. Craig; Reingold, Edward M.) ★Машинный подход к решению математических задач. (Russian) [Machine approach to the solution of mathematical problems] 57 #14560b
- Oberschelp, Walter (with Wille, Detlef) ★Mathematischer Einführungskurs für Informatiker. 57 #8107
- Parasjuk, I. N. *See* Sergienko, I. V.; et al., 57 #18168
- (Pawlak, Zdzisław) *See* Mathematical foundations of computer science, 55 #13851
- (Petznick, George W.) *See* Brainerd, Walter S.; et al., 53 #4590
- Reingold, Edward M. *See* Nievergelt, Jurg; et al., 57 #14560a and Nievergelt, Jurg; et al., 57 #14560b
- Rose, Alan ★Computer logic. 48 #5409
- (Sabel'fel'd, V. K.) *See* Bauer, Friedrich L.; et al., 58 #3598
- Salomaa, Arto ★Formal languages. 55 #11661
- Sampson, Jeffrey R. ★Adaptive information processing. 55 #6903
- Seegmüller, Gerhard ★Einführung in die Systemprogrammierung. 53 #14954
- Sergienko, I. V. (with Parasjuk, I. N.; Tukalevs'ka, N. I.) ★Автоматизированные системы обработки данных. (Russian) [Automated data processing systems] 57 #18168
- Short, Robert A. (with Goldberg, Jack) Soviet progress in the design of fault-tolerant digital machines. 46 #6640
- Simon, Herbert A. *See* Newell, Allen, 57 #4555
- Sparck Jones, Karen (with Kay, Martin) ★Linguistics and information science. (See Zbl 288 #68029)
- Spencer, Donald D. ★Game playing with computers. 56 #13744
- Tukalevs'ka, N. I. *See* Sergienko, I. V.; et al., 57 #18168
- Uzgalis, Robert C. *See* Cleaveland, J. Craig, 56 #10086
- Wille, Detlef *See* Oberschelp, Walter, 57 #8107
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- (Wrangel, J.-P.) *See* Apresjan, Ju. D., 58 #31985

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Azra, J.-P. (with Jaulin, Bernard) ★Récursivité. (51 #5275)

Bauer, Friedrich L. (with Goos, Gerhard) ★Informatik. (52 #5171)

(with Goos, Gerhard) ★Informatik. (52 #5173)

(with Goos, Gerhard) ★Informatik. Teil I. (52 #16822)

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(with Gnatz, Rupert; Hill, Ursula) ★Informatik. (52 #5172)

(with Gnatz, Rupert; Hill, Ursula) ★Informatik. (52 #5174)

Baumann, Wilhelm ★Numerische Mathematik. (54 #1530)

Bergmann, Eberhard (with Noll, Helga) ★Mathematische Logik mit

Informatik-Anwendungen. (58 #21353)

Davis, Martin ★Computability. (50 #77)

Diller, Justus ★Rekursionstheorie. (55 #5409)

Dornhoff, Larry L. (with Hohn, Franz E.) ★Applied modern algebra. (57 #4)

Emde, Helmut *See* Strombach, Werner; et al., (48 #1869)

Gavrilov, G. P. (with Sapoženko, A. A.) ★Сборник задач по дискретной математике.

(Russian) [Problem book in discrete mathematics] (57 #9371)

Giloi, W. K. ★Principles of continuous system simulation. (53 #9572)

Ginguy, Michel ★Dictionnaire d'informatique (Français-Anglais). (58 #12)

Gnatz, Rupert *See* Bauer, Friedrich L.; et al., (52 #5172) and Bauer, Friedrich L.; et

al., (52 #5174)

Goos, Gerhard *See* Bauer, Friedrich L., (52 #5171); Bauer, Friedrich L., (52 #5173);

Bauer, Friedrich L., (52 #16822) and Bauer, Friedrich L., (52 #16823)

Hackl, Clemens E. ★Schaltwerk- und Automatentheorie. I. (50 #1773)

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Hennie, Fred ★Introduction to computability. (56 #11767)

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Hohn, Franz E. *See* Dornhoff, Larry L., (57 #4)

Holland, John H. ★Adaptation in natural and artificial systems. (55 #14256 (EA 55/56))

(Jacobs, Barry E.) *See* Davis, Martin, (50 #77)

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Kaaz, M. Albert ★Elemente der mathematischen Logik für den Gebrauch in Physik und Technik. (58 #16076)

Kaiser, H. ★Numerische Mathematik und Rechentechnik. I. (58 #8127)

Kirch, Allan M. ★Elementary number theory: a computer approach. (50 #212)

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Korfhaage, Robert R. ★Discrete computational structures. (51 #173)

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- Denis, J. (with Denoyelle, J.; Smeyers, P.) Asymptotic expansions for acoustical modes of the homogeneous compressible model. (54 #6887)
- Denoyelle, J. See Denis, J.; et al., (54 #6887)
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- Sekerž-Zen'kovič, S. Ja. Waves generated by a source of harmonic oscillations that is located in a cylindrical layer of fluid. (Russian. English summary) (49 #1909)
- Shepherd, J. J. See Rosenblat, S., (51 #9634)
- Skakauskas, V. I. Use of integral representations of the distribution function for obtaining systems of approximate equations of the aerodynamics of rarefied gases. (Russian. English summary) (45 #1482)
- Smeyers, P. See Denis, J.; et al., (54 #6887)

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- Sauer, Robert Über eine Verallgemeinerung der Hodographenabbildung. 46 #2982
- Seth, S. S. Unsteady motion of viscoelastic fluid due to rotation of a sphere. 58 #19772
- Shah, K. N. Unsteady flow of viscous incompressible fluid in a circular cylinder. 46 #10295
- Siddappa, B. (with Bujurke, N. M.) A note on the boundary layer theory of electrically conducting viscous fluid. 58 #19773
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- Vaisleib, Ju. V. Sound scattering by a finite cone. (50 #6307)

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- Schubert, Hans** (with Wittig, W.) Zur Integralgleichung der tragenden Rechteckfläche bei symmetrischer Anströmung. (English and Russian summaries) **45** #1477
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- Sekerž-Zen'kovič, Ja. I.** The capillary gravitational steady-state waves of finite amplitude on the surface of a fluid flowing over a wavy bottom. (Russian) **48** #3360
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- Sharma, G. C.** Hydromagnetic stability of spiral flows with density stratification. (French, German, Italian and Russian summaries) **56** #4406
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- Temkin, L. A.** (with Temkina, V. S.; Ščerbina, G. V.) Solution of the problem on the flow of a fluid in an infinite T-shaped domain by means of the Fredholm equation of the first kind. (Russian) (See **RŽMat** **1972** #2 B861)
- Temkina, V. S.** See **Temkin, L. A.**; et al., (See **RŽMat** **1972** #2 B861)
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- Tillett, J. P. K.** Axial and transverse Stokes flow past slender axisymmetric bodies. **46** #4853
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Hsiao, George C. (*with* MacCamy, Richard C.) Solution of boundary value problems by integral equations of the first kind. (**48** #2594)

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- Troesch, B. Andreas** Sloshing frequencies in a half-space by Kelvin inversion. **48** #5504
- Troickii, V. A.** See **Boldyrev, Ju. Ja.**, **55** #9709
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- Finn, Robert** See **Concus, Paul**, (**53** #3841)
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- Nitsche, Johannes C. C.** Plateau's problems and their modern ramifications. (**53** #6439)
- O'Carroll, M. J.** Uniform convergence of variational methods for elliptic problems in N dimensions. (**50** #2718)
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76.58 Global analysis, analysis on manifolds

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